

## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q93039

Lay-lay CHUA, et al

Appln. No.: National Stage of PCT/GB2004/003452

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: February 2, 2006

Examiner: Unknown

For: METHOD OF MAKING A POLYMER DEVICE

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, along with a copy of the corresponding Communication from a Foreign Patent Office, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003. Also submitted the Written Opinion of the International Searching Authority.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action

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Attorney Docket No. Q93039

on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

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First Named Inventor

Lay-lay CHUA

Art Unit

Unknown

Examiner Name

Attorney Docket Number

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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 4,347,302	A	08/31/1982	ALEXANDER GOTMAN
		US 5,472,502	A	12/05/1995	WILLIAM T. BATCHELDER
		US 5,670,791	A	09/23/1997	JONATHAN J. M. HALLS, ET AL
		US 6,197,663	B1	03/06/2001	EDWIN ARTHUR CHANDROSS, ET AL
		US			
		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		WO	94/15368	A1	07/07/1994	RIJKSUNIVERSITEIT TE GRONINGEN	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		LEI HUANG, ET AL, "COMPUTER SIMULATION ON THE SELF-ASSEMBLY OF ASSOCIATING POLYMERS", POLYMER, ELSEVIER SCIENCE PUBLISHERS B.V, GB, Vol. 44 No. 6, March 2003, pages 1967-1972, XP004410286, ISSN: 0032-3861	
		HIDEAKI TANAKA, ET AL, "ORDERED STRUCTURE IN MIXTURES OF A BLOCK COPOLYMER AND HOMOPOLYMERS. I. SOLUBILIZATION OF LOW MOLECULAR WEIGHT HOMOPOLYMERS", MACROMOLECULES, AMERICAN CHEMICAL SOCIETY, Vol. 24, No. 1, January 1991 pages 240-251, XP002319295, EASTON, US	
		G. DREEZEN, ET AL, "NANO-STRUCTURED POLYMER BLENDS: PHASE STRUCTURE, CRYSTALLISATION BEHAVIOUR AND SEMI-CRYSTALLINE MORPHOLOGY OF PHASE SEPARATED BINARY BLENDS OF POLY(ETHYLENE OXIDE) AND POLY(ETHER SULPHONE)", POLYMER, ELSEVIER SCIENCE PUBLISHERS B. V, GB, Vol. 41, No. 4, February 2000, pages 1395-1407, XP004244129, ISSN: 0032-3861	
		MICHAEL REDECKER, ET AL, "HIGH MOBILITY HOLE TRANSPORT FLUORENE-TRIARYLAMINE COPOLYMERS" ADVANCED MATERIALS, VCH VERLAGSGESELLSCHAFT, WEINHEIM, DE, Vol. 11, No. 3, February 11, 1999, pages 241-246, XP000803283, ISSN: 0935-9648	

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.